

Summary of Monthly Normals
1991-2020

Generated on 06/05/2024

Current Location: Elev: 1240 ft. Lat: 45.5331° N Lon: 92.0225° W

Station: CUMBERLAND, WI US USC00471923

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	19.1	0.3	9.7	4.4	6.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1403.9	1465.9	1559.1	1714.2	0.0	0.0	0.1	26.6	31.0	14.8
02	24.3	2.7	13.5	5.7	6.7	6.1	0.0	0.0	0.0	0.0	0.0	0.0	1161.7	1217.7	1301.9	1442.0	0.0	0.0	0.3	19.8	27.5	10.9
03	37.1	15.5	26.3	5.3	5.9	5.5	1.1	0.7	0.3	0.0	0.0	0.0	890.8	952.4	1045.0	1199.7	0.0	0.0	4.9	8.7	27.7	4.1
04	51.6	30.4	41.0	4.9	4.1	4.4	9.2	5.0	1.8	0.2	0.0	0.0	429.2	485.1	571.8	720.2	0.0	0.0	17.6	1.3	15.7	0.2
05	64.7	44.0	54.4	4.0	2.9	3.3	96.4	69.9	40.2	13.5	2.7	1.1	116.7	152.2	215.4	343.7	0.0	0.1	29.1	0.0	1.6	0.0
06	74.7	54.9	64.8	2.3	2.3	2.2	301.8	248.5	175.2	77.7	21.8	11.9	8.0	14.7	31.3	83.8	0.0	0.8	30.0	0.0	0.0	0.0
07	79.0	59.4	69.2	3.3	2.6	2.8	440.4	379.2	289.1	151.5	55.4	32.1	0.4	1.1	4.0	21.3	0.0	1.8	31.0	0.0	0.0	0.0
08	76.9	57.3	67.1	2.5	2.4	2.3	376.3	316.1	229.5	106.0	31.1	16.2	1.4	3.1	9.5	41.0	0.0	0.8	31.0	0.0	0.0	0.0
09	68.5	48.1	58.3	3.2	2.9	2.9	158.3	121.4	76.6	28.3	6.8	3.1	59.5	82.6	127.7	229.3	0.0	0.1	29.6	0.0	0.4	0.0
10	54.0	35.1	44.5	3.9	3.0	3.2	18.6	12.3	6.1	1.2	0.2	0.1	342.6	398.2	485.0	635.1	0.0	0.0	21.0	0.4	9.9	0.0
11	38.0	22.0	30.0	6.5	4.9	5.6	0.3	0.1	0.0	0.0	0.0	0.0	750.3	810.1	900.0	1050.0	0.0	0.0	6.3	9.7	24.9	0.5
12	24.3	8.7	16.5	5.0	6.3	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1193.3	1255.3	1348.4	1503.5	0.0	0.0	0.3	21.7	30.5	7.4
Summary	51.0	31.5	41.3	4.3	4.2	4.1	1402	1153	819	378	118	64	6358	6838	7599	8984	0.0	3.6	201.2	88.2	169.2	37.9

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75
01	0.95	8.6	3.2	0.2	0.1	0.55	0.99	1.21
02	0.99	6.3	3.1	0.3	0.1	0.57	0.87	1.14
03	1.69	7.1	4.4	0.9	0.3	1.04	1.69	2.25
04	2.83	10.4	6.3	2.0	0.3	1.85	2.48	3.86
05	3.84	11.0	7.0	2.7	1.0	2.83	3.73	4.96
06	4.54	11.3	8.0	3.6	1.0	3.22	4.47	5.44
07	4.47	10.0	6.9	3.2	1.1	2.81	4.53	5.51
08	4.40	10.0	6.8	3.5	1.1	2.90	4.53	5.72
09	3.61	9.6	6.0	2.3	1.0	2.06	3.31	4.94
10	3.28	10.2	6.7	2.1	0.8	2.23	2.56	4.26
11	1.86	7.9	4.2	1.2	0.3	0.87	1.35	2.28
12	1.29	8.8	3.8	0.7	0.0	0.88	1.09	1.85
Summary	33.75	111.2	66.4	22.7	7.1	21.81	31.60	43.42

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	11.40	7.8	4.3	1.0	0.3	0.0	27.4	24.6	19.7	11.4	7.50	10.60	15.10
02	10.60	5.5	3.6	1.2	0.5	0.0	26.6	24.4	22.0	14.1	5.60	9.70	14.20
03	9.20	4.0	2.7	1.1	0.5	0.1	19.7	18.1	16.2	9.7	3.80	7.50	15.40
04	4.60	2.0	1.5	0.5	0.2	0.0	3.5	2.4	1.5	0.5	0.00	2.20	6.00
05	0.40	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.70	0.6	0.3	0.1	0.1	0.0	0.6	0.2	0.1	0.0	0.00	0.00	0.60
11	7.10	3.5	2.1	0.8	0.3	0.0	4.5	2.3	1.7	0.3	2.20	3.70	8.00
12	11.60	7.3	4.3	1.3	0.5	0.0	21.2	16.3	12.0	5.2	5.00	9.20	14.90
Summary	55.6	30.8	18.8	6.0	2.4	0.1	103.6	88.4	73.2	41.2	24.1	42.9	74.2

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.0	0.4	20.0	136.6	449.8	743.8	905.0	839.9	549.6	197.1	29.1	1.1
45	0.0	0.1	8.5	69.1	308.9	593.7	750.0	684.8	404.5	106.7	10.3	0.1
50	0.0	0.0	3.3	29.5	188.1	445.1	595.1	530.1	271.2	48.7	2.4	0.0
55	0.0	0.0	1.1	9.2	96.4	301.8	440.4	376.3	158.3	18.6	0.3	0.0
60	0.0	0.0	0.3	1.8	40.2	175.2	289.1	229.5	76.6	6.1	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.3	15.8	89.4	251.4	454.8	590.5	531.7	315.1	107.5	17.5	0.7

Growing Degree Units (Accumulated Monthly)												
40	0	0	20	157	607	1351	2256	3096	3645	3842	3871	3872
45	0	0	9	78	387	980	1730	2415	2820	2926	2937	2937
50	0	0	3	33	221	666	1261	1791	2062	2111	2113	2113
55	0	0	1	10	107	408	849	1225	1384	1402	1402	1402
60	0	0	0	2	42	218	507	736	813	819	819	819
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	16	106	357	812	1402	1934	2249	2356	2374	2375

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.

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